

MAY 15 2023

FORM 2: Application for irrigation in South Dakota  
(type or print)

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OFFICE OF  
WATER

PAID

MAY 15 2023

Ck#

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Mail to:

SD DANR, Water Rights  
523 E Capitol Ave  
Pierre, SD 57501-3182

ph. (605) 773-3352

No. 8762-3 Hydrologic Unit 10160011Basin Lower JamesNewspaper Yankton Press & Dakotan <sup>(wed)</sup> 605-7811

(office use only)

## Application for Permit to Appropriate Water for Irrigation

Type of Application: ☒ New ☐ Vested Right ☐ Amendment/Correction to Permit No. \_\_\_\_\_  
(Use predates Mar 2, 1955)

Description of amendment/correction: (i.e. change diversion point(s), add diversion point(s), change use, etc.)

1. Name to Appear on Irrigation Permit James D. Gunderson

Note: The "Name to Appear on Irrigation Permit" must be the name in which the property to be irrigated is held in.

Mailing Address 30833 444 Ave Mission Hill SD 57046  
(Address) (City) (State) (Zip Code)Phone \_\_\_\_\_ Mobile 605-661-4747 Email jgunde@hotmail.com2. Amount of water claimed 1.76 \*CFS or 800 \*\*GPM \_\_\_\_\_ \*\*\*AF Total Acreage 120  
(\*Cubic Feet per Second) (\*\*Gallons per Minute) (\*\*\*) Acre Feet - storage capacity of dam/dugout or annual use if applicable)3. Source of water supply water well / aquifer4. Location of point of diversion SW 1/4 of NE 1/4 Section 34-94N-55W  
(example - 3 wells in SW 1/4 NE 1/4 section 12-T104N-R53W)County Yankton5. County or counties where water will be used Yankton County6. Annual period during which water is to be used May thru October 317. List below each forty-acre division, or lot, or fraction thereof and show number of acres to be irrigated in each.  
(Attach sheet if more space is needed)

Land Description	Acres	Land Description	Acres
<u>NE 1/4, NW 1/4 Section 34-94N-55W</u>	<u>40</u>		
<u>NW 1/4, NE 1/4 34-94N-55W</u>	<u>40</u>		
<u>SW 1/4 NE 1/4 34-94N-55W</u>	<u>40</u>		

8. Give a description of the project. (Attach sheet if more space is needed)

Drill a well to supply a Center Pivot Irrigation System  
Applicant is requesting diversion rate greater than statutory limitJames D. Gunderson  
Name of Personowner

Title (if applicable)

, the applicant, certify under

penalty of perjury that I have read this application, examined the attached map, and that the matters stated are true. I further certify, if acting on behalf of an entity or individual other than myself, that I am authorized to submit this application.

2021-08

Attachments: Attach Form 2A if diversion is from a well or dugout, or if storage of water is proposed. Also, attach map and any other technical information. (see instructions)

3 m east Yankton

## Supplemental Information

(type or print)

### 1. Well Information (check one or both as applicable)

☒ Drilling new well(s) ☐ Using existing well(s)

- a) If new wells, how many 1 Have test holes been drilled? ☒ Yes ☐ No Drilled by Their Well  
(if yes, please provide copies of logs)
- b) If existing wells, how many \_\_\_\_\_ Provide copy of log(s), if available. Drilled by \_\_\_\_\_

### For either existing or proposed wells:

- c) Well Depth (required) 112' Depth to Top of Water Bearing Material 6' Depth to Water from Surface \_\_\_\_\_
- d) Distance to nearest domestic well on applicant's property 1500' Property owned by others 1500'

### 2. Wastewater Disposal System Information

- a) Type of System (i.e. septic tank, drain field) \_\_\_\_\_
- b) System Capacity (gallons) \_\_\_\_\_ Year Constructed \_\_\_\_\_
- c) Connected to the City of \_\_\_\_\_ Sanitary System

### 3. Dugout Information

- a) Surface Dimensions \_\_\_\_\_ Depth \_\_\_\_\_
- b) Depth to water (ground surface to water level) \_\_\_\_\_

### 4. Water Storage Dams

If the proposed water use system contains one or more storage dams, please furnish the information requested below for each dam. The locations of the dams need to be shown on the map submitted with the application.

- a) If a private engineering firm or government agency was involved in the design of this dam, please give their name and address:

- b) Freeboard \_\_\_\_\_
- c) Crest Width \_\_\_\_\_  
Crest Length \_\_\_\_\_
- d) Height \_\_\_\_\_
- e) Primary Outlet Capacity \_\_\_\_\_

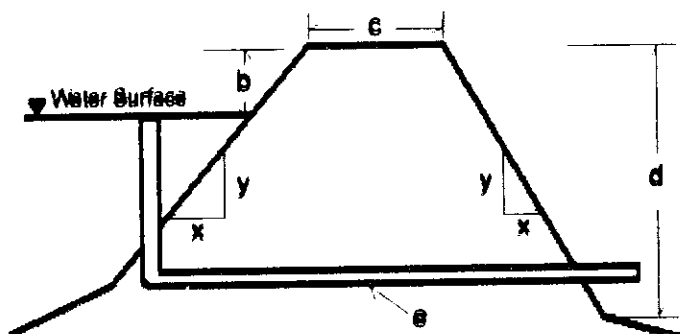
If pipe, diameter \_\_\_\_\_

- f) Secondary Spillway Capacity \_\_\_\_\_  
Spillway Width \_\_\_\_\_

- g) X & Y Slope (e.g. 3 to 1 is a typical slope)  
Upstream \_\_\_\_\_  
Downstream \_\_\_\_\_

- h) Area of Impoundment \_\_\_\_\_

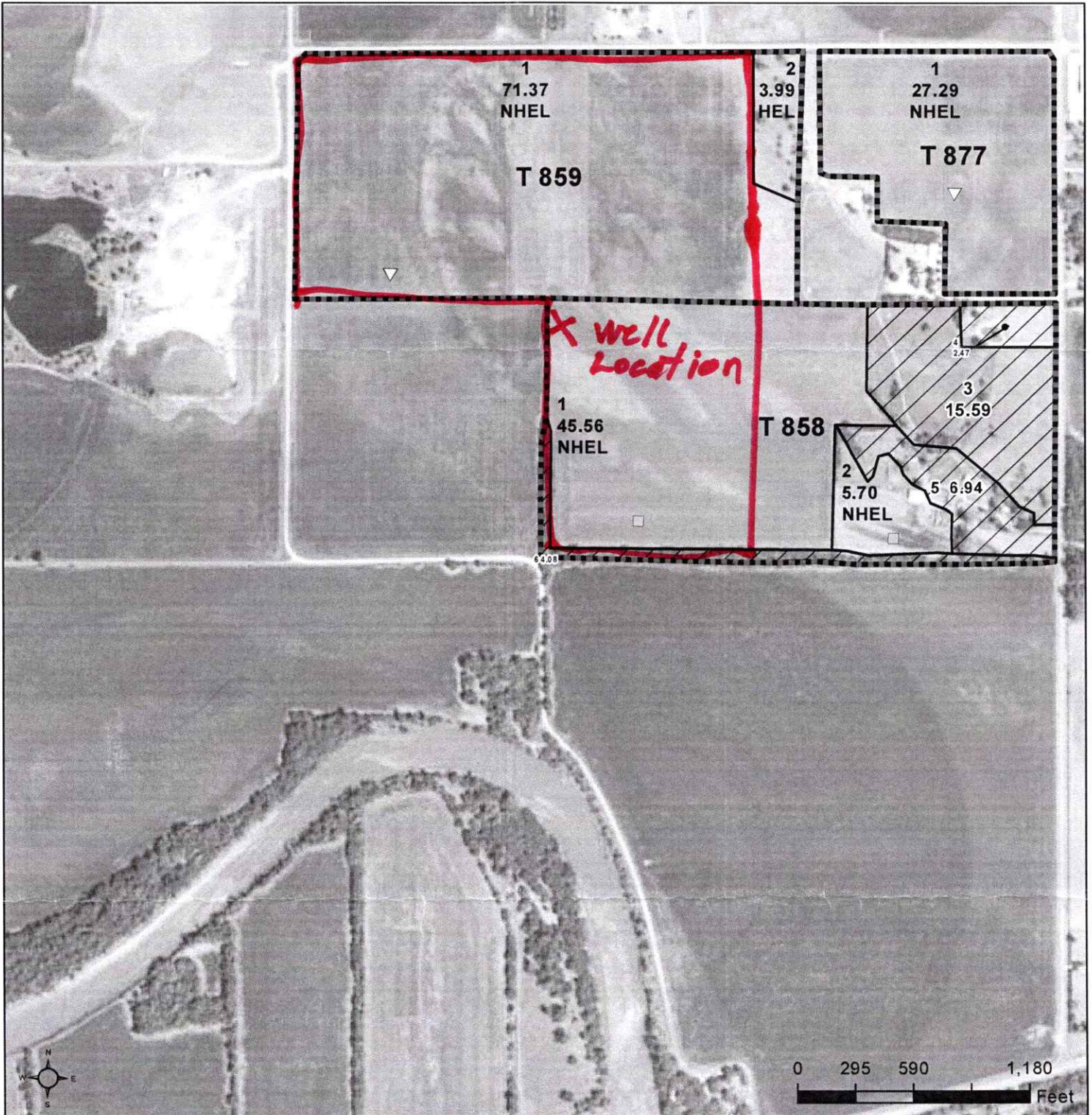
- i) Storage \_\_\_\_\_ Acre Feet
- j) Drainage Area Above Dam \_\_\_\_\_ Acres





United States  
Department of  
Agriculture

## Yankton County, South Dakota



Common Land Unit Tract Boundary  
 Non-Cropland  
 Cropland

### Wetland Determination Identifiers

- Restricted Use
- ▽ Limited Restrictions
- Exempt from Conservation
- Compliance Provisions

Unless otherwise noted,  
crops listed below are:  
Non-irrigated  
Intended for Grain  
Corn = Yellow  
Soybeans = Common  
Wheat - HRS or HRW  
Sunflowers = Oil or Non

Producer initial \_\_\_\_\_  
Date \_\_\_\_\_

2023 Program Year

Map Created April 21, 2023

Farm 4742

34 -94N -55W

United States Department of Agriculture (USDA) Farm Service Agency (FSA) maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership; rather it depicts the information provided directly from the producer and/or National Agricultural Imagery Program (NAIP) imagery. The producer accepts the data 'as is' and assumes all risks associated with its use. USDA-FSA assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data outside FSA Programs. Wetland identifiers do not represent the size, shape, or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact boundaries and determinations or contact USDA Natural Resources Conservation Service (NRCS).